Tool and method for diagnosing and correcting errors in a computer program

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In a computer system, an improved tool and method for debugging complex computer programs is disclosed. The tool extracts critical debugging information from computer memory and/or remote storage memory and uses this information to graphically depict call relationships among various functions comprising the program which is the subject of the debugging operation. Debug commands are accepted by the tool through a graphical user interface using operations performed by the user directly on the graphical representation of program functions. The ability of the tool to accept user commands through the graphical user interface and to display critical debugging information using this same interface greatly facilitates program debugging

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